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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/805,492 | 03/13/2001 | Jeremy S. Edmonds | 19880002010 | 1945 |

26291 7590 06/16/2005

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EXAMINER

CHEVALIER, ROBERT

ART UNIT PAPER NUMBER

2616

DATE MAILED: 06/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|------------------------|---------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 09/805,492 | EDMONDS ET AL. | |
| | Examiner | Art Unit | |
| | Bob Chevalier | 2616 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 April 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-16 and 20-22 is/are allowed.
- 6) ☒ Claim(s) 17-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 March 2001 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 17-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Lane et al.

Lane et al discloses a video/audio recording/reproducing apparatus that shows all the limitations recited in claim 17, including the feature of receiving and processing the transport stream to retrieve the inserted packets and identifying the inserted packets as a particular type of packets used to trigger a particular action (See the capability of setting the trick play data and setting the normal play data based on the identifying type, "priority level", of the received packet data as described by Lane et al's at column 50, lines 37-41, and lines 57-68), and the feature of executing the particular action in response to identifying the inserted packets as being of the particular type as specified in the present claim 17. (See the capability of setting the trick play data and setting the normal play data and recording the same on the recording medium as shown by Lane et al's column 50, lines 60-65).

With regard to claim 18, the feature of the action being splicing operation as specified thereof would be present in the cited reference of Lane et al. (See the capability of arranging the data packets into trick play data blocks of different sizes as specified in Lane et al's column 51, lines 9-13).

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With regard to claim 19, the feature of the scrambled audio packets as specified thereof would be present in the cited reference of Lane et al. (See Lane et al's column 50, line 50).

3. Claims 1-16, and 20-22 contain allowable subject matter over the prior art of record.

The claimed invention is directed to a method for splicing video slices associated with a plurality of packets identifiers. The independent claims identify the feature of "receiving an interrupt signal indicating a splice has been performed and loading a new target PID into the splicing hardware for a next splice". Furthermore, the independent claims identify the feature of "receiving an interrupt indicating that a splice has been performed and updating the set of parameters for the splicing hardware for a next splice". The closest prior art, Gordon et al discloses a conventional video transmission apparatus, either singularly or in combination fail to anticipate or render the above underlined limitations obvious.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Wine et al discloses an apparatus for splicing compressed information streams.

Radha et al disclose a seamless splicing of MPEG-2 multimedia data streams.

Gordon et al discloses a conventional video transmission apparatus including a splicing feature.

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bob Chevalier whose telephone number is 571-272-7374. The examiner can normally be reached on MM-F (9:00-6:30), second Monday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on 571-272-7950. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

B. Chevalier
June 10, 2005.


ROBERT CHEVALIER
PRIMARY EXAMINER